

Amendments to the Claims

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims

1. (Original) A catalyst composition for purifying an exhaust gas containing an organic compound and a silicon compound,
the catalyst composition containing alumina particles having a precious metal carried thereon, and zeolite particles, and
a proportion of a weight of the zeolite particles relative to a sum of a weight of the alumina particles and the weight of the zeolite particles being in a range of 1 wt.% to 70 wt.%.

2. (Original) The catalyst composition according to claim 1, wherein the silicon compound is an organosilicon compound.

3. (Original) The catalyst composition according to claim 1, wherein the silicon compound is an organic silicone.

4. (Canceled)

5. (Currently Amended) The catalyst composition according to ~~any one of claims 1 to 3~~, claim 1, further containing a binder.

6. (Currently Amended) The catalyst composition according to ~~any one of claims 1 to 5~~, claim 1, wherein the zeolite particles are zeolite particles having a precious metal carried thereon.

7. (Currently Amended) The catalyst composition according to ~~any one of claims 1 to 6~~, claim 1, wherein the precious metal is Pt, Pd, Rh, Ir or Ru, an alloy of any of these, or a mixture of these.

8. (Currently Amended) The catalyst composition according to ~~any one of claims 1 to 7~~, claim 1, wherein an amount of acid of zeolite is in a range of 0.4 to 1.5 mmol NH₃/g.

9. (Currently Amended) The catalyst composition according to ~~any one of claims 1 to 8~~, claim 1, wherein a sum of an amount of an oxide converted from an alkali metal contained in the zeolite, and an amount of an oxide converted from an alkaline earth metal contained in the zeolite is 5 wt.% or less based on a total amount of the zeolite.

10. (Currently Amended) A catalyst comprising:
a catalyst substrate; and
a catalyst layer formed on the catalyst substrate and containing the catalyst composition according to ~~any one of claims 1 to 9~~, claim 1.

11. (Original) The catalyst according to claim 10, wherein an average thickness of the catalyst layer is in a range of 10 to 500 μm.

12. (Currently Amended) An exhaust gas purification method comprising the step of:
bringing an exhaust gas containing an organic compound and a silicon compound into
contact with the catalyst according to ~~claim 10 or 11~~, claim 10, at a temperature of 200 to 500°C
for reaction thereof.

13. (Original) A method for producing a catalyst for purifying an exhaust gas
containing an organic compound and a silicon compound, comprising the steps of:
preparing a slurry containing alumina particles having a precious metal carried thereon
and zeolite particles; and
coating the slurry onto a substrate, followed by drying.